

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032090.D
 Acq On : 17 May 2019 09:05
 Operator : JC/SP
 Sample : K2739-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB892

Quant Time: May 18 02:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 01:51:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371915	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	395706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151708	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	133882	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.68	69	115255	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.27	63	185059	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	4.19	46	253834	41.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.54%
24) Chloroform-d	4.64	84	237906	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.31	65	118285	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.33	84	494038	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.33	67	142835	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.00%
41) Toluene-d8	7.56	98	403874	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.00%
43) trans-1,3-Dichloropropene-	7.85	79	46200	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.31	63	214663	37.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118061	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	144996	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

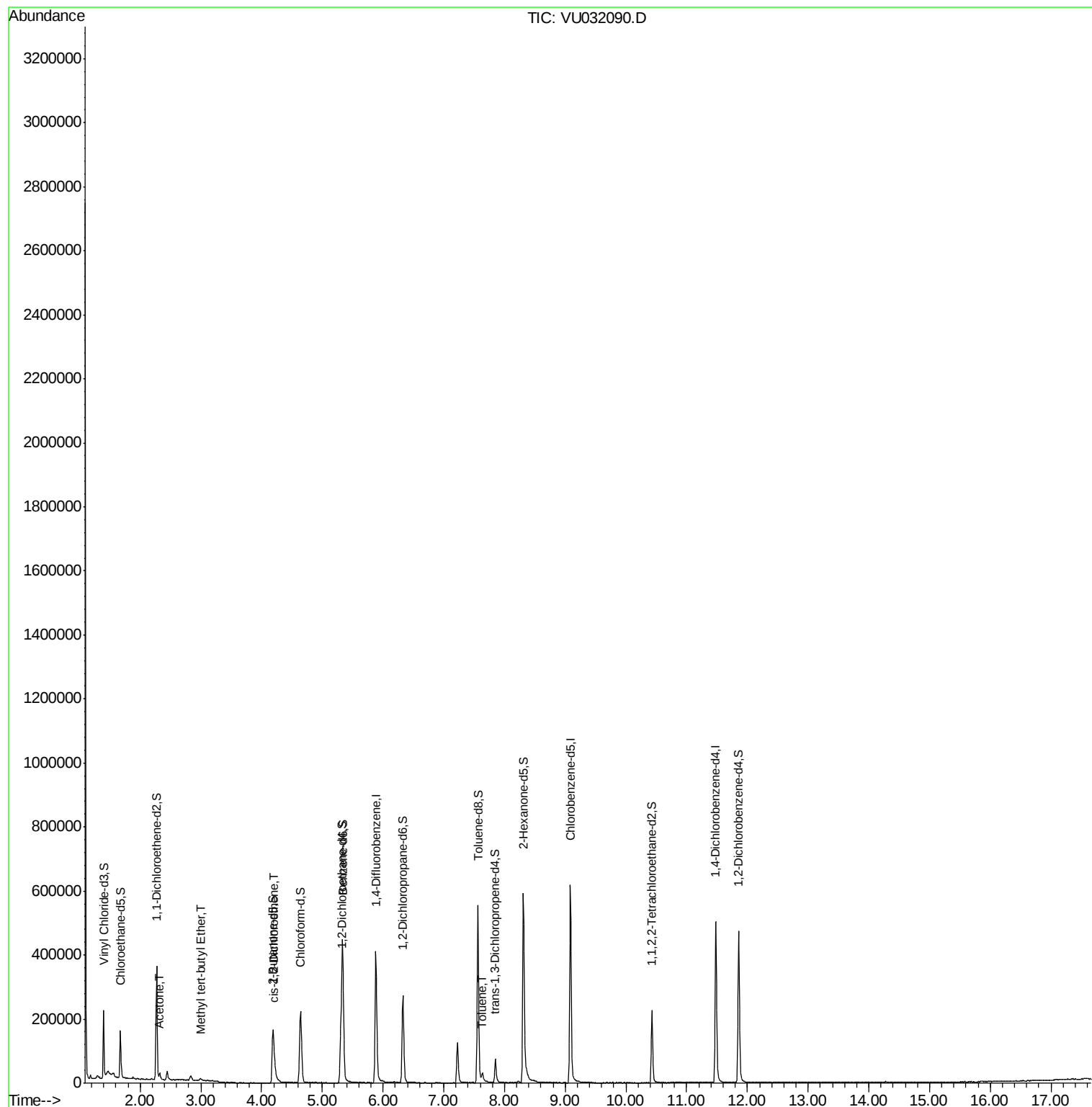
					Ovalue
13) Acetone	2.32	43	18022	8.925 ug/L	94
17) Methyl tert-butyl Ether	3.00	73	5071	0.144 ug/L #	87
22) cis-1,2-Dichloroethene	4.22	96	9303	0.592 ug/L	89
42) Toluene	7.64	91	18318	0.288 ug/L	95

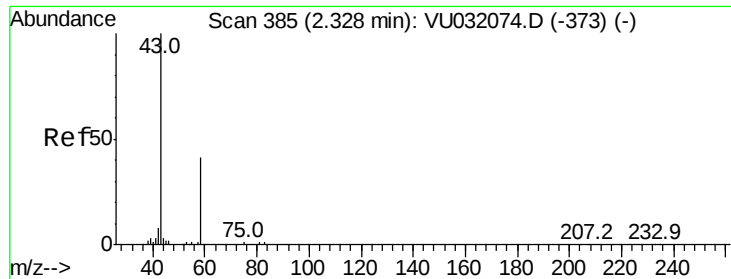
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.925 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

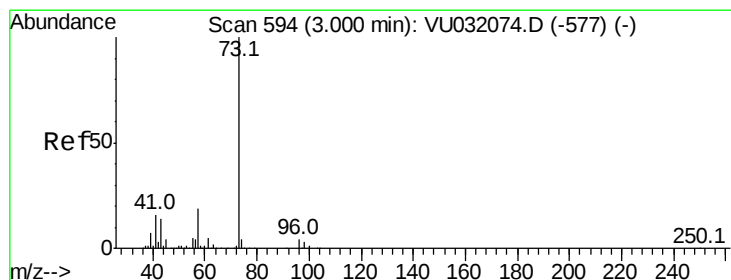
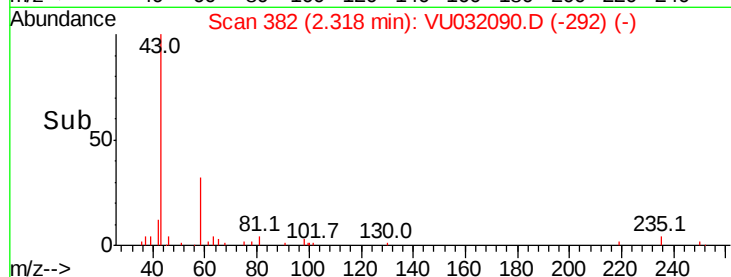
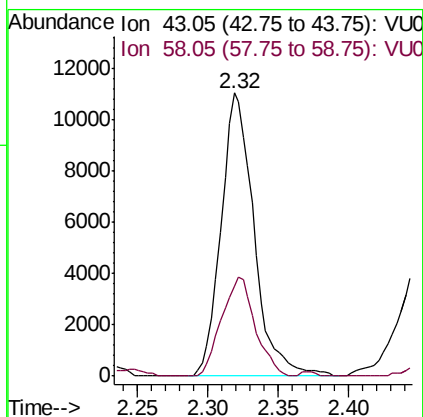
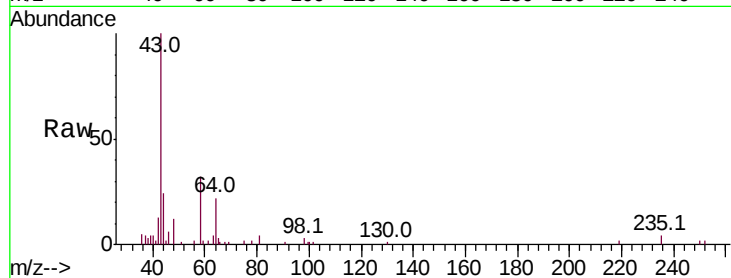
DB892

Tot Ion: 43 Resp: 18022

Ion Ratio Lower Upper

43 100

58 35.6 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 0.144 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032090.D

Acq: 17 May 2019 09:05

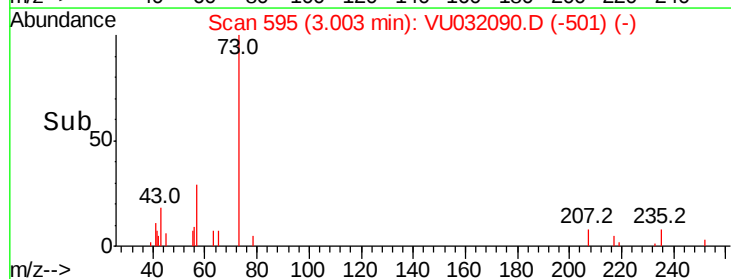
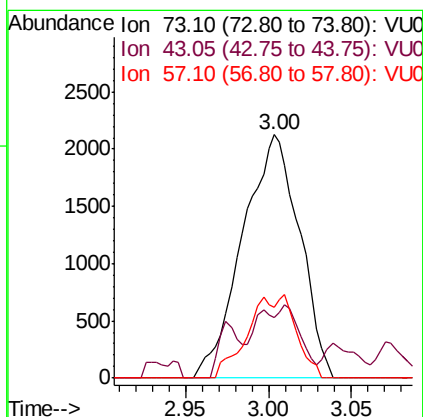
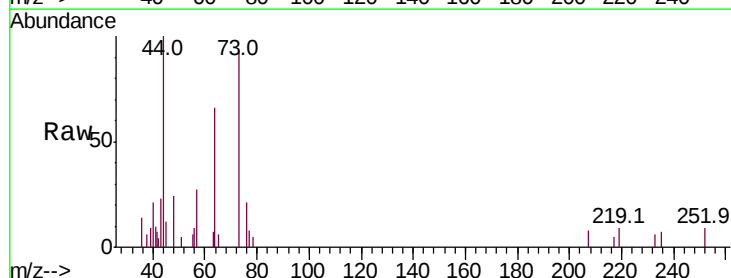
Tgt Ion: 73 Resp: 5071

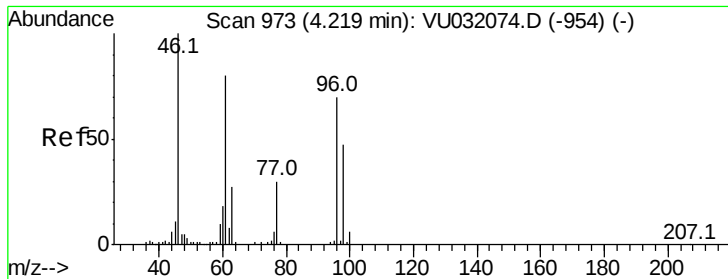
Ion Ratio Lower Upper

73 100

43 10.0 13.0 19.6#

57 16.8 17.9 26.9#



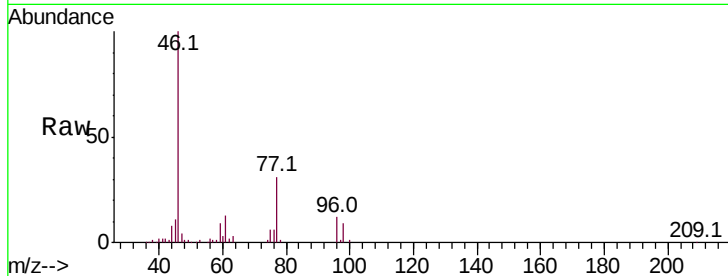


#22

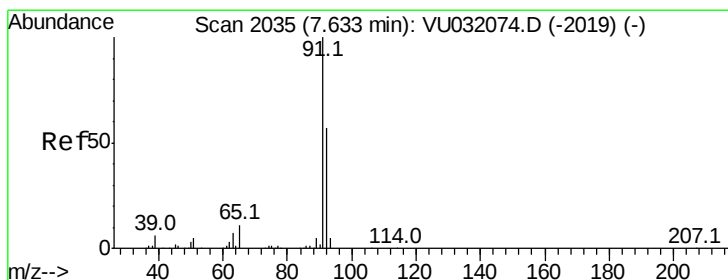
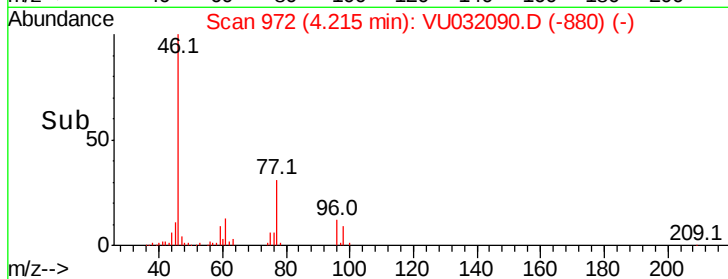
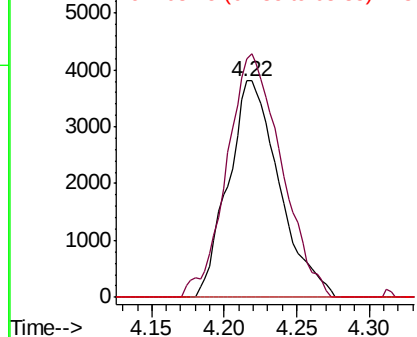
cis-1,2-Dichloroethene
 Concen: 0.592 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032090.D
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Instrument :
 MSVOA_U
 ClientSampleID :
 DB892

Tot Ion: 96 Resp: 9303
 Ion Ratio Lower Upper
 96 100
 61 110.5 85.8 159.4
 68 0.0 0.0 0.0



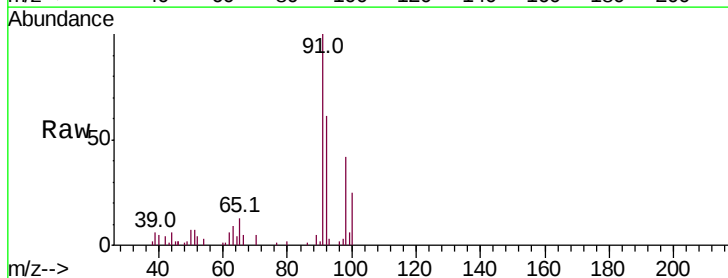
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



#42

Toluene
 Concen: 0.288 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU032090.D
 Acq: 17 May 2019 09:05

Tgt Ion: 91 Resp: 18318
 Ion Ratio Lower Upper
 91 100
 92 61.0 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

